

## EAST SEARCH

8/12/05

| L#  | Hits  | Search String  | Databases                                   |  |
|-----|-------|--|---|--|
|     |       |  |   |  |
| S1  | 38209 | (ultrasound or ultrasonic) near2 (imager or imaging or transducer\$)                       | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |  |
| S2  | 861   | S1 and (probe with (imager or "imaging system"))   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |  |
| S3  | 816   | S1 and ((probe or imager or "imaging system") with (performance or (image near2 quality))) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |  |
| S4  | 1564  | S2 or S3   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |  |
| S5  | 113   | S2 and S3  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |  |
| S6  | 5     | S4 and (simulat\$3 near2 (phantom near2 image\$1))   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |  |
| S7  | 124   | S4 and (simulat\$3 near2 (phantom or image\$1))  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |  |
| S8  | 11    | S4 and (simulat\$3 near2 phantom)  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |  |
| S9  | 116   | S4 and (simulat\$3 near2 image\$1)   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |  |
| S11 | 2     | S1 and (statistical near2 design near2 experiment\$1)                                      | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |  |
| S10 | 1     | S4 and (statistical near2 design near2 experiment\$1)                                      | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |  |
| S12 | 94    | S4 and ((probe or transducer) near2 (geometry or geometric))                               | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |  |
| S13 | 108   | S4 and ((imager or "imaging system") with parameter\$1)                                    | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |  |
| S14 | 12    | S4 and (image with "diagnostic value")   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |  |
| S15 | 12    | S4 and (image\$1 with "diagnostic value")  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |  |
| S16 | 101   | S4 and ((image\$1 near2 quality) with (data or measur\$3 or specif\$3 or parameter         | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |  |
| S17 | 234   | S5 or S7   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |  |
| S18 | 195   | S12 or S13   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |  |
| S19 | 12    | S16 and S17  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |  |
| S20 | 27    | S18 and S17  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |  |
| S21 | 33    | S16 and S18  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |  |
| S22 | 69    | S14 or S19 or S20 or S21   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |  |
| S23 | 123   | (statistical near2 design near2 experiment\$1)   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |  |
| S25 | 1     | (statistical near2 design near2 experiment\$1) with "graphical user interface"             | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |  |
| S26 | 1     | (statistical near2 design near2 experiment\$1) with ("user interface" or window\$1)        | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |  |
| S27 | 38209 | (ultrasound or ultrasonic) near2 (imager or imaging or transducer\$)                       | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |  |
| S28 | 2114  | S27 and simulat\$3   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |  |
| S29 | 177   | S28 and "graphical user interface"   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |  |
| S24 | 6     | (statistical near2 design near2 experiment\$1) with simulat\$3                             | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |  |
| S30 | 83    | (design near2 experiment\$1) with simulat\$3   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |  |
| S31 | 1     | S29 and S30  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |  |
| S32 | 3     | S28 and S30  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |  |
| S33 | 123   | (statistical near2 design near2 experiment\$1)   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |  |
| S34 | 4     | S33 and (imaging near2 system\$1)  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |  |

## EAST SEARCH

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Results of search set S61

| Kind Codes Title  | Issue Date          | Current OR | Abstract |
|---|---------------------|------------|----------|
| US 20050177353 A1 Operations and support discrete event simulation system and method                                | 20050811 703/6      |            |          |
| US 20050167752 A1 Electronic apparatuses, silicon-on-insulator integrated circuits, and fabrication methods         | 20050804 257/347    |            |          |
| US 20050159594 A1 Eplerenone crystal form exhibiting enhanced dissolution rate                                      | 20050721 540/16     |            |          |
| US 20050154534 A1 Automated media optimization technology   | 20050714 702/19     |            |          |
| US 20050106328 A1 Method for predicting and applying painting parameters and use thereof                            | 20050519 427/421.1  |            |          |
| US 20050096895 A1 Method and system of product development process for chemical compositions using high vol         | 20050505 703/22     |            |          |
| US 20050062163 A1 Electronic apparatus, silicon-on-insulator integrated circuits, and fabrication methods           | 20050324 257/758    |            |          |
| US 20050060100 A1 Computer software and algorithms for systems biologically linked to cellular phenotype            | 20050317 702/19     |            |          |
| US 20050059083 A1 High throughput method to identify ligands for cell attachment                                    | 20050317 435/7.1    |            |          |
| US 20050042639 A1 Single molecule amplification and detection of DNA length   | 20050224 435/6      |            |          |
| US 20050017412 A1 Methods and devices for producing homogeneous mixtures and for producing and testing mou          | 20050127 264/328.17 |            |          |
| US 20050013738 A1 System and method for determining optimal reaction parameters using continuously running pr       | 20050120 422/67     |            |          |
| US 20040260782 A1 Data communication in a laboratory environment  | 20041223 709/208    |            |          |
| US 20040253436 A1 FUSER MEMBER HAVING PLATINUM CATALYZED ADDITION CURED SILICONE LAYER                              | 20041216 428/328    |            |          |
| US 20040249933 A1 Network interface parameters  | 20041209 709/224    |            |          |
| US 20040245354 A1 Method for controlling a spray process  | 20041209 239/74     |            |          |
| US 20040235809 A1 Epoxy steroidal aldosterone antagonist and beta-adrenergic antagonist combination therapy fr      | 20041125 514/173    |            |          |
| US 20040231653 A1 Method for compensating injection quality in each individual cylinder in internal combustion engi | 20041125 123/673    |            |          |
| US 20040224325 A1 Single molecule amplification and detection of DNA  | 20041111 435/6      |            |          |
| US 20040213745 A1 Powder formulations of rSEB for improved vaccination  | 20041028 424/46     |            |          |
| US 20040210029 A1 Rosin phenolic resins and uses related thereto  | 20041021 528/144    |            |          |
| US 20040204957 A1 Method and apparatus for evolutionary design  | 20041014 705/1      |            |          |
| US 20040176559 A1 Rosin phenolic resins for printing inks   | 20040909 527/601    |            |          |
| US 20040172224 A1 System and method for prediction of panel performance under localized loading conditions          | 20040902 703/2      |            |          |
| US 20040102424 A1 Methods for the treatment or prophylaxis of aldosterone-mediated pathogenic effects in a subj     | 20040527 514/172    |            |          |
| US 20040077611 A1 Triple therapy of angiotensin converting enzyme inhibitor epoxy-steroidal aldosterone antagonis   | 20040422 514/171    |            |          |
| US 20040037806 A1 Aldosterone blocker therapy to prevent or treat inflammation-related disorders                    | 20040226 424/85.2   |            |          |
| US 20030232967 A1 Method for preparation of microarrays for screening of crystal growth conditions                  | 20031218 530/350    |            |          |
| US 20030220775 A1 Method for quantifying uncertainties related to continuous and discrete parameters descriptive    | 20031127 703/2      |            |          |
| US 20030220312 A1 Epoxy-steroidal aldosterone antagonist and calcium channel blocker combination therapy for tr     | 20031127 514/173    |            |          |
| US 20030220310 A1 Epoxy-steroidal aldosterone antagonist and calcium channel blocker combination therapy for tr     | 20031127 514/171    |            |          |
| US 20030212202 A1 Hot melt adhesive composition   | 20031113 525/54.4   |            |          |
| US 20030203884 A1 Methods for the treatment or prophylaxis of aldosterone-mediated pathogenic effects in a subj     | 20031030 514/172    |            |          |
| US 20030198213 A1 Communications networks   | 20031023 370/351    |            |          |
| US 20030191100 A1 Methods for the treatment or prophylaxis of aldosterone-mediated pathogenic effects in a subj     | 20031009 514/177    |            |          |
| US 20030162759 A1 Aldosterone blocker therapy to prevent or treat inflammation-related disorders                    | 20030828 514/173    |            |          |
| US 20030154062 A1 System and method for statistical design of ultrasound probe and imaging system                   | 20030814 703/5      |            |          |

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|-------------------|--|---------------------|
| US 20030152510 A1 | TS-PQ titano-silicate molecular sieves and methods for synthesis and use thereof                         | 20030814 423/713    |
| US 20030143273 A1 | Soluble form osmotic dose delivery system  | 20030731 424/473    |
| US 20030125312 A1 | Aldosterone antagonist and cyclooxygenase-2 inhibitor combination therapy to prevent or treat            | 20030703 514/171    |
| US 20030115164 A1 | Neural network representation for system dynamics models, and its applications                           | 20030619 706/15     |
| US 20030096798 A1 | Methods for the treatment or prophylaxis of aldosterone-mediated pathogenic effects in a subject         | 20030522 514/172    |
| US 20030088458 A1 | Method and apparatus for dynamic, real-time market segmentation  | 20030508 705/10     |
| US 20030085921 A1 | NETWORK-BASED DESIGN SYSTEMS AND METHODS   | 20030508 715/751    |
| US 20030083493 A1 | Eplerenone drug substance having high phase purity   | 20030501 540/47     |
| US 20030069725 A1 | Deterministic method of experimental design  | 20030410 703/22     |
| US 20030065417 A1 | Methods for engineering and manufacturing score-line-crack- resistant linerboard                         | 20030403 700/127    |
| US 20030055027 A1 | Epoxy-steroidal aldosterone antagonist and calcium channel blocker combination therapy for treatment     | 20030320 514/173    |
| US 20030017773 A1 | Method for the production of microfibrillar suede-finish non-woven fabric without using organic solvents | 20030123 442/59     |
| US 20030004653 A1 | Automated technology of screening of stationary phases   | 20030102 702/22     |
| US 20020137873 A1 | Polycarbonate copolymers having improved hydrolytic stability  | 20020926 528/196    |
| US 20020123485 A1 | Epoxy steroidal aldosterone antagonist and beta-adrenergic antagonist combination therapy for treatment  | 20020905 514/173    |
| US 20020120432 A1 | Method and apparatus for optimization of high-throughput screening and enhancement of biocatalysis       | 20020829 703/12     |
| US 20020111337 A1 | Use of an aldosterone receptor antagonist to improve cognitive function                                  | 20020815 514/177    |
| US 20020102306 A1 | Soluble form osmotic dose delivery system  | 20020801 424/473    |
| US 20020076818 A1 | System and method for liquid handling parameter's optimization   | 20020620 436/55     |
| US 20020048607 A1 | Ruminal fluid inoculation of calves  | 20020425 424/537    |
| US 20020045746 A1 | Eplerenone crystalline form  | 20020418 540/2      |
| US 20020042405 A1 | Epoxy-steroidal aldosterone antagonist and calcium channel blocker combination therapy for treatment     | 20020411 514/175    |
| US 20020038021 A1 | Eplerenone crystalline form exhibiting enhanced dissolution rate   | 20020328 540/2      |
| US 20010021902 A1 | Use of automated technology in chemical process research and development                                 | 20010913 703/12     |
| US 20010020666 A1 | AIRFOIL WITH DYNAMIC STALL CONTROL BY OSCILLATORY FORCING  | 20010913 244/204    |
| US 6921508 B2     | Method for the production of microfibrillar suede-finish non-woven fabric without using organic solvents | 20050726 264/172.13 |
| US 6892954 B2     | Method for controlling a spray process   | 20050517 239/74     |
| US 6864201 B2     | Preparation and screening of crystalline zeolite and hydrothermally-synthesized materials                | 20050308 502/64     |
| US 6838140 B1     | Fuser member having platinum catalyzed addition cured silicone layer                                     | 20050104 428/36.8   |
| US 6814979 B2     | Osmotic drug delivery system   | 20041109 424/473    |
| US 6748279 B2     | Method for improving a manufacturing process by conducting a full factorial experiment to optimize       | 20040608 700/28     |
| US 6741265 B2     | Network-based design systems and methods   | 20040525 715/751    |
| US 6732057 B2     | Methods for engineering and manufacturing score-line-crack-resistant linerboard                          | 20040504 702/42     |
| US 6716829 B2     | Aldosterone antagonist and cyclooxygenase-2 inhibitor combination therapy to prevent or treat            | 20040406 514/171    |
| US 6686205 B1     | Screening combinatorial arrays of inorganic materials with spectroscopy or microscopy                    | 20040203 436/73     |
| US 6649413 B1     | Synthesis and screening combinatorial arrays of zeolites   | 20031118 436/37     |
| US 6608163 B2     | Polycarbonate copolymers having improved hydrolytic stability  | 20030819 528/196    |
| US 6606612 B1     | Method for constructing composite response surfaces by combining neural networks with other              | 20030812 706/15     |
| US 6604092 B1     | Expert system utilizing a knowledge base and design of experiment (DOE) techniques                       | 20030805 706/47     |
| US 6521296 B1     | High performance structural laminate composite material for use to 1000.degree. F. and above             | 20030218 427/294    |
| US 6514532 B2     | Soluble form osmotic dose delivery system  | 20030204 424/473    |
| US 6400841 B1     | Method for evaluating three-dimensional rendering systems  | 20020604 382/154    |
| US 6361796 B1     | Soluble form osmotic dose delivery system  | 20020326 424/473    |

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|---------------|---|---------------------|
| US 6342187 B1 | Process and apparatus for dry sterilization of medical devices and materials                        | 20020129 422/186.05 |
| US 6341271 B1 | Inventory management system and method  | 20020122 705/28     |
| US 6267331 B1 | Airfoil with dynamic stall control by oscillatory forcing   | 20010731 244/204    |
| US 6200290 B1 | Dilatation balloons containing polyesteretheramide copolymer  | 20010313 604/96.01  |
| US 6175816 B1 | Use of automated technology in chemical process research and development                            | 20010116 703/13     |
| US 6161054 A  | Cell control method and apparatus   | 20001212 700/121    |
| US 6149878 A  | Process for dry sterilization of medical devices and materials                                      | 20001121 422/186.04 |
| US 6091021 A  | Silicon cells made by self-aligned selective-emitter plasma-etchback process                        | 20000718 136/261    |
| US 6077401 A  | Production of fullerenes using concentrated solar flux  | 20000620 204/157.47 |
| US 6064919 A  | Paint equipment set-up method and apparatus   | 20000516 700/117    |
| US 6044212 A  | Use of automated technology in chemical process research and development                            | 20000328 703/6      |
| US 6029500 A  | Piezoelectric quartz crystal hydrogen sensor, and hydrogen sensing method utilizing same            | 20000229 73/31.05   |
| US 6013361 A  | High performance structural laminate composite material for use to 1000.degree. F and above         | 20000111 428/297.4  |
| US 6011830 A  | Operational test device and method of performing an operational test for a system under test        | 20000104 379/10.03  |
| US 5985569 A  | Primers for amplification of a genus specific sequence of the mycobacterium 16S rRNA gene           | 19991116 435/6      |
| US 5958739 A  | Mutant .alpha.-amylase  | 19990928 435/99     |
| US 5900073 A  | Sludge reducing zinc phosphating process and composition  | 19990504 148/247    |
| US 5897831 A  | Process for dry sterilization of medical devices and materials                                      | 19990427 422/22     |
| US 5804792 A  | Gas tungsten arc welding flux   | 19980908 219/137VWM |
| US 5798860 A  | Iridium oxide film for electrochromic device  | 19980825 359/273    |
| US 5741460 A  | Process for dry sterilization of medical devices and materials                                      | 19980421 422/22     |
| US 5736499 A  | Mutant A-amylase  | 19980407 510/392    |
| US 5684946 A  | Apparatus and method for improving the efficiency and quality of functional verification            | 19971104 714/33     |
| US 5562769 A  | Methods of forming diamond semiconductor devices and layers on nondiamond substrates                | 19961008 117/86     |
| US 5527970 A  | Synthesis of ethyl t-butyl ether from t-butanol in one step using acid catalysts                    | 19960618 568/698    |
| US 5420443 A  | Microelectronic structure having an array of diamond structures on a nondiamond substrate an        | 19950530 257/77     |
| US 5410495 A  | Apparatus, systems, and methods for diagnosing anomalous mass flow controller operation             | 19950425 702/100    |
| US 5370890 A  | Aqueous process to remove cholesterol from food products  | 19941206 426/417    |
| US 5362356 A  | Plasma etching process control  | 19941108 216/60     |
| US 5265244 A  | Method and system for facilitating processing of statistical inquires on stored data accessible th  | 19931123 707/1      |
| US 5253331 A  | Expert system for statistical design of experiments   | 19931012 706/45     |
| US 5252450 A  | Capped photochromic silver halides for incorporation into a plastic matrix                          | 19931012 430/567    |
| US 5242536 A  | Anisotropic polysilicon etching process   | 19930907 438/714    |
| US 5108870 A  | Positive-working photoresist composition containing purified broadband dye and process of usi       | 19920428 430/190    |
| US 4933097 A  | Fabric conditioners containing alkyl substituted siloxane   | 19900612 510/524    |
| US 4532801 A  | Method and apparatus for determining small magnitude fluid-dynamic drag resistance different        | 19850806 73/866.4   |
| US 4220511 A  | Treatment of sintered poly-tetrafluoroethylene with irradiation and heat to produce a grindable i   | 19800902 522/4      |
| US 4151107 A  | Catalysis of water-gas shift reaction   | 19790424 423/437.2  |
| US 3988198 A  | Method for treating hemi caustic effluents  | 19761026 162/30.1   |
| EP 1203992 A  | Derivation of color negative film developer composition and processing conditions by identifying    | 20020508            |
| US 5253331 A  | Statistical design of experiments using expert system - interacting with consulting statistician to | 19931012            |
| US 5079690 A  | Self-optimising method for automation system - planning statistically designed experiments on       | 19920107            |
| FR 1521354 A  | Evaluation and quality control of car tyres by  | N/A                 |